

#### ABSTRACT OF THE DISCLOSURE

A loop flushing circuit in a closed circuit hydraulic system has a variable displacement hydraulic pump that is fluidly connected to a hydraulic motor. The flushing flow  
5 in the closed circuit is controlled by an electronically proportional flow control valve. The electronically proportional flow control valve is controlled by a control that ensures that the control valve being used is connected to a low pressure side of the closed loop flushing circuit.